



PCT

## RAW SEQUENCE LISTING

DATE: 01/23/2006

PATENT APPLICATION: US/10/533,832

TIME: 09:47:38

Input Set : A:\seqlist.txt

Output Set: N:\CRF4\01232006\J533832.raw

```

4 <110> APPLICANT: ADAMS, Jerry Leroy
5     BRYAN, Deborah L.
6     KASPAREC, Jiri
7     KING, Francis David
8     TAKLE, Andrew Kenneth
9     WILSON, David Matthew
10    GOODMAN, Steven Neal
12 <120> TITLE OF INVENTION: CHEMICAL COMPOUNDS
15 <130> FILE REFERENCE: P51379
17 <140> CURRENT APPLICATION NUMBER: 10/533,832
18 <141> CURRENT FILING DATE: 2005-05-03
20 <150> PRIOR APPLICATION NUMBER: PCT/US2003/035588
21 <151> PRIOR FILING DATE: 2003-11-06
23 <150> PRIOR APPLICATION NUMBER: 60/424,223
24 <151> PRIOR FILING DATE: 2002-11-06
26 <160> NUMBER OF SEQ ID NOS: 4
28 <170> SOFTWARE: FastSEQ for Windows Version 4.0
30 <210> SEQ ID NO: 1
31 <211> LENGTH: 17
32 <212> TYPE: PRT
33 <213> ORGANISM: Homo sapien
35 <400> SEQUENCE: 1
36 Leu Glu Ala Arg Leu Val Ala Tyr Glu Gly Trp Val Ala Gly Lys Lys
37  1             5             10             15
38 Lys
42 <210> SEQ ID NO: 2
43 <211> LENGTH: 10
44 <212> TYPE: PRT
45 <213> ORGANISM: Homo sapien
47 <400> SEQUENCE: 2
48 Arg Phe Trp Lys Tyr Glu Phe Trp Arg His
49  1             5             10
52 <210> SEQ ID NO: 3
53 <211> LENGTH: 16
54 <212> TYPE: PRT
55 <213> ORGANISM: Homo sapien
57 <400> SEQUENCE: 3
58 Glu Glu Glu Glu Tyr Phe Glu Leu Val Ala Lys Lys Lys Lys Asn His
59  1             5             10             15
62 <210> SEQ ID NO: 4
63 <211> LENGTH: 713
64 <212> TYPE: PRT
65 <213> ORGANISM: Homo sapien

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67 &lt;400&gt; SEQUENCE: 4

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68 Met Ser Pro Ile Leu Gly Tyr Trp Lys Ile Lys Gly Leu Val Gln Pro
69 1 5 10 15
70 Thr Arg Leu Leu Leu Glu Tyr Leu Glu Glu Lys Tyr Glu Glu His Leu
71 20 25 30
72 Tyr Glu Arg Asp Glu Gly Asp Lys Trp Arg Asn Lys Lys Phe Glu Leu
73 35 40 45
74 Gly Leu Glu Phe Pro Asn Leu Pro Tyr Tyr Ile Asp Gly Asp Val Lys
75 50 55 60
76 Leu Thr Gln Ser Met Ala Ile Ile Arg Tyr Ile Ala Asp Lys His Asn
77 65 70 75 80
78 Met Leu Gly Gly Cys Pro Lys Glu Arg Ala Glu Ile Ser Met Leu Glu
79 85 90 95
80 Gly Ala Val Leu Asp Ile Arg Tyr Gly Val Ser Arg Ile Ala Tyr Ser
81 100 105 110
82 Lys Asp Phe Glu Thr Leu Lys Val Asp Phe Leu Ser Lys Leu Pro Glu
83 115 120 125
84 Met Leu Lys Met Phe Glu Asp Arg Leu Cys His Lys Thr Tyr Leu Asn
85 130 135 140
86 Gly Asp His Val Thr His Pro Asp Phe Met Leu Tyr Asp Ala Leu Asp
87 145 150 155 160
88 Val Val Leu Tyr Met Asp Pro Met Cys Leu Asp Ala Phe Pro Lys Leu
89 165 170 175
90 Val Cys Phe Lys Lys Arg Ile Glu Ala Ile Pro Gln Ile Asp Lys Tyr
91 180 185 190
92 Leu Lys Ser Ser Lys Tyr Ile Ala Trp Pro Leu Gln Gly Trp Gln Ala
93 195 200 205
94 Thr Phe Gly Gly Gly Asp His Pro Pro Lys Ser Asp Leu Leu Val Pro
95 210 215 220
96 Arg Gly Ser Pro Glu Phe Lys Gly Leu Pro Gly Glu Val Pro Leu Glu
97 225 230 235 240
98 Glu Gln Cys Glu Tyr Leu Ser Tyr Asp Ala Ser Gln Trp Glu Phe Pro
99 245 250 255
100 Arg Glu Arg Leu His Leu Gly Arg Val Leu Gly Tyr Gly Ala Phe Gly
101 260 265 270
102 Lys Val Val Glu Ala Ser Ala Phe Gly Ile His Lys Gly Ser Ser Cys
103 275 280 285
104 Asp Thr Val Ala Val Lys Met Leu Lys Glu Gly Ala Thr Ala Ser Glu
105 290 295 300
106 Gln Arg Ala Leu Met Ser Glu Leu Lys Ile Leu Ile His Ile Gly Asn
107 305 310 315 320
108 His Leu Asn Val Val Asn Leu Leu Gly Ala Cys Thr Lys Pro Gln Gly
109 325 330 335
110 Pro Leu Met Val Ile Val Glu Phe Cys Lys Tyr Gly Asn Leu Ser Asn
111 340 345 350
112 Phe Leu Arg Ala Lys Arg Asp Ala Phe Ser Pro Cys Ala Glu Lys Ser
113 355 360 365
114 Pro Glu Gln Arg Gly Arg Phe Arg Ala Met Val Glu Leu Ala Arg Leu
115 370 375 380

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116 Asp Arg Arg Arg Pro Gly Ser Ser Asp Arg Val Leu Phe Ala Arg Phe
117 385          390          395          400
118 Ser Lys Thr Glu Gly Gly Ala Arg Arg Ala Ser Pro Asp Gln Glu Ala
119          405          410          415
120 Glu Asp Leu Trp Leu Ser Pro Leu Thr Met Glu Asp Leu Val Cys Tyr
121          420          425          430
122 Ser Phe Gln Val Ala Arg Gly Met Glu Phe Leu Ala Ser Arg Lys Cys
123          435          440          445
124 Ile His Arg Asp Leu Ala Ala Arg Asn Ile Leu Leu Ser Glu Ser Asp
125          450          455          460
126 Val Val Lys Ile Cys Asp Phe Gly Leu Ala Arg Asp Ile Tyr Lys Asp
127 465          470          475          480
128 Pro Asp Tyr Val Arg Lys Gly Ser Ala Arg Leu Pro Leu Lys Trp Met
129          485          490          495
130 Ala Pro Glu Ser Ile Phe Asp Lys Val Tyr Thr Thr Gln Ser Asp Val
131          500          505          510
132 Trp Ser Phe Gly Val Leu Leu Trp Glu Ile Phe Ser Leu Gly Ala Ser
133          515          520          525
134 Pro Tyr Pro Gly Val Gln Ile Asn Glu Glu Phe Cys Gln Arg Leu Arg
135          530          535          540
136 Asp Gly Thr Arg Met Arg Ala Pro Glu Leu Ala Thr Pro Ala Ile Arg
137 545          550          555          560
138 Arg Ile Met Leu Asn Cys Trp Ser Gly Asp Pro Lys Ala Arg Pro Ala
139          565          570          575
140 Phe Ser Glu Leu Val Glu Ile Leu Gly Asp Leu Leu Gln Gly Arg Gly
141          580          585          590
142 Leu Gln Glu Glu Glu Val Cys Met Ala Pro Arg Ser Ser Gln Ser
143          595          600          605
144 Ser Glu Glu Gly Ser Phe Ser Gln Val Ser Thr Met Ala Leu His Ile
145          610          615          620
146 Ala Gln Ala Asp Ala Glu Asp Ser Pro Pro Ser Leu Gln Arg His Ser
147 625          630          635          640
148 Leu Ala Ala Arg Tyr Tyr Asn Trp Val Ser Phe Pro Gly Cys Leu Ala
149          645          650          655
150 Arg Gly Ala Glu Thr Arg Gly Ser Ser Arg Met Lys Thr Phe Glu Glu
151          660          665          670
152 Phe Pro Met Thr Pro Thr Thr Tyr Lys Gly Ser Val Asp Asn Gln Thr
153          675          680          685
154 Asp Ser Gly Met Val Leu Ala Ser Glu Glu Phe Glu Gln Ile Glu Ser
155          690          695          700
156 Arg His Arg Gln Glu Ser Gly Phe Arg
157 705          710

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VERIFICATION SUMMARY

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